

REMARKS

Claims 1-18 are now present in this application.

The specification and claims 1 and 7 have been amended, and claim 18 has been presented. Reconsideration of the application, as amended, is respectfully requested.

Two (2) sheets of substitute formal drawings are attached herewith. In Figs. 1A, 1B, and 2A-2C, numeral "1311" has been utilized. This numeral merely refers to the jointing part which is shown in these drawings. In addition, the specification has been amended to refer to this jointing part and reference numeral 1311. It is noted that the originally filed disclosure discusses the jointing but merely did not include the reference numeral. It is respectfully submitted that the original specification provides support for these amendments and drawing changes and that they should merely clarify the original disclosure. Entry of the corrected formal drawings is respectfully requested.

Claims 1, 2, 4, 6-8, 10 and 17 stand rejected under 35 USC 102(b) as being anticipated by EDLINGER et al., U.S. Patent 5,868,482. This rejection is respectfully traversed.

Claims 3, 9 and 12-16 stand rejected under 35 USC 103 as being unpatentable over EDLINGER et al. This rejection is respectfully traversed.

Claims 5 and 11 stand rejected under 35 USC 103 as being unpatentable over EDLINGER et al. in view of PETERSON et al., U.S. Patent 6,185,047. This rejection is respectfully traversed.

In a projection system, the precision of the relative position between the color wheel and the light integration rod needs to be great. If the precision of the relative position between the color wheel and the light integration rod is poor, the utility rate of light which emits from the light source would also be poor.

In the present invention, the outwardly extending holder has a jointing part. This part has now been specifically labeled with reference numeral 1311, for example. The jointing part is joined with the optical element 14. In the present invention, the jointing part may be joined with the optical element 14, by way of adhering, riveting or screwing, etc. Because the contacting area between the jointing part and the optical element is large enough to fix the optical element tightly, the relative position between the light wheel and the light integration rod may not be moved. On the other hand, in the patent to EDLINGER et al., the contacting area between the rotational position sensor 4 and the carrier 24 (as shown in Fig. 2A) is much less than the contacting area between an adjoining part and the light integration rod of the present invention. Accordingly, the relative position between the rotational position sensor 3 and the position marker 16 may be moved. In the EDLINGER et al. patent, the precision of the relative position between the

rotational position sensor 3 and the position marker 16 is not great enough for the precision of the relative position between the color wheel and the light integration rod.

The secondary reference to PETERSON et al. does not overcome these deficiencies. The contacting area between the color wheel 118 and the integrator tunnel 122 (as shown in Fig. 2D) is also much less than the contacting area between the jointing part and the light integration rod of the present invention. Accordingly, the relative position between the color wheel disk 118 and the integrator tunnel 122 may be moved. In the PETERSON et al. patent, the precision of the relative position between the color wheel disk 118 and the integrator tunnel 122 is not great enough for the precision of the relative position between the color wheel and the light integration rod. This problem is solved with the present invention but not with the utilized prior art. Accordingly, it is respectfully submitted that neither the EDLINGER et al. patent alone or as modified by the PETERSON et al. reference would either suggest or render obvious the color wheel assembly of the present application. Accordingly, reconsideration and withdrawal of the 35 USC 102(b) and 103 rejections are respectfully requested.

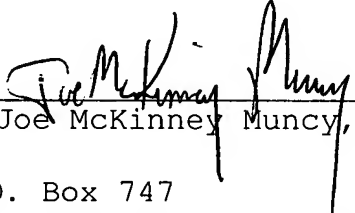
Because the additional prior art cited by the Examiner has been included merely to show the state of the prior art and has not been utilized to reject the claims, no further comments concerning these documents are considered necessary at this time.

In the event that any outstanding matters remain in this application, the Examiner is invited to contact the undersigned at (703) 205-8000 in the Washington, D.C. area.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachments: Corrected Formal Drawing

(Rev. 02/12/2004)